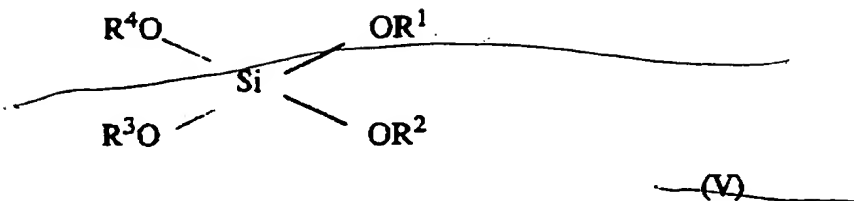


September 2, 1993

5

10





5

where R^1 , R^2 , R^3 , R^4 are identical or different and each, independently of one another, are a linear or branched-chain C_1 - to C_4 -alkyl, $(-CH_2-CH_2-O)_nCH_3$ with $n=1$ to 3, a C_3 - to C_6 -cycloalkyl, an aromatic hydrocarbon group which in turn can be substituted, with the proviso that at least one of the groups R^1 , R^2 , R^3 or R^4 is $(-CH_2-CH_2-O)_n-CH_3$ with $n=1$ to 3,

is used as a solvent in electrolyte systems for Li-ion storage cells.